

M82



## EYE Examination Simulator (3 steps)

M82A

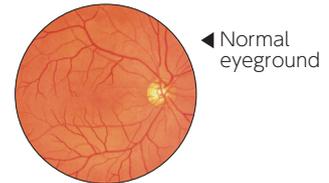
## EYE Examination Simulator (2 steps)

### Practical fundus examination simulator with 10 clinical images and variations.

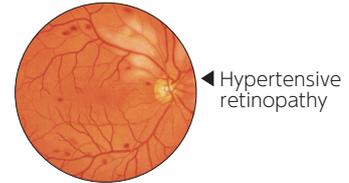
An innovative trainer for fundus examination compatible with actual ophthalmoscope. Various cases can be set using combination of slides, depth variations and pupil diameter.

#### Product Supervision

Japan Society for Medical Education  
Working Group with the cooperation of:  
Kansai Medical University Department of Ophthalmology



◀ Normal eyeground



◀ Hypertensive retinopathy

#### FEATURES

- 10 fundus slide cases of common eye diseases
- Real clinical images
- Lens-equipped eyeball units that simulate the visual axis of the human eye
- Soft and supple material, making the raising of the eyelid realistic
- Adjustable depth of the fundus slides: hyperopic, normal, and myopic views.
- Red reflex can be detected
- Different sizes of pupil can be set at 3 steps in M82, 2 steps in M82A

#### SKILLS

- Fundus examination with direct ophthalmoscope

#### CASES

- Normal fundus
- Hypertensive retinopathy:
  - Grade 3 arteriolar vasoconstriction
  - Grade 1 arteriolosclerosis
  - hemorrhages and cotton wool spots
  - simple vein concealment
- Diabetic retinopathy:
  - microaneurysm, hemorrhages and hard exudates
- Papilloedema (chronic phase)
- Papilloedema (acute phase)
- Glaucomatous optic atrophy:
  - glaucomatous optic disc cupping and nerve fiber defect
- Retinal vein occlusion (acute phase):
  - flame-shaped hemorrhage and cotton wool spots
- Retinal vein occlusion (post retinal laser photocoagulation)
- Toxoplasmosis: retinochoroiditis
- Age-related macular degeneration:
  - macular exudates and subretinal hemorrhage

※M82A includes two normal fundus slides.

### A36 Eye anatomy B

The optic nerve and the ocular muscles are represented, as well as the nerves and blood vessels. The eyeball can be dissected to show the choroids vitreous body, lens, etc.



#### DESCRIPTIONS

##### SPECIFICATIONS

Size: 42x22x38cm/16.5x8.7x15 inch Weight: 2kg/ 4.4lbs

##### SET INCLUDES

1 manikin head and shoulder	1 set of case slides
- 3 steps (2, 3.5, 5 mm dia.) *M82	1 slide duster
- 2 steps (3.5, 8mm dia.) *M82A	1 storage case
1 - 1 slide holder with 3 steps depth setting	1 instruction manual
1 blower	

##### MATERIALS

\*Latex is included in the blower

##### REPLACEMENT PARTS

11220-010 1 replacement fundus case slides (set of 10 cases)

\* ophthalmoscope is not included.

